

**Rajiv Gandhi Proudyogiki Vishwavidyalaya, Bhopal**  
**New Scheme of Examination as per AICTE Flexible Curricula**  
**Bachelor of Technology (B.Tech.) Electronics & Communication Engg. (w.e.f. Jan, 2020)**

**VI Semester**

S.No.	Subject Code	Category	Subject Name	Maximum Marks Allotted					Total Marks	Contact Hours per week			Total Credits
				Theory			Practical			L	T	P	
				End Sem.	Mid Sem. Exam.	Quiz/ Assignment	End Sem	Term work Lab Work & Sessional					
1.	EC601	DC	Digital Signal Processing	70	20	10	30	20	150	2	1	2	4
2.	EC602	DC	Antenna & Wave propagation	70	20	10	30	20	150	2	1	2	4
3.	EC603	DE	Departmental Elective	70	20	10	-	-	100	4	-	0	4
4.	EC604	OE	Open Elective	70	20	10	-	-	100	4	-	0	4
5.	EC605	D Lab	Data Communication Lab	-	-	-	30	20	50	-	-	6	3
6.	EC606	O/E Lab	Microcontroller & Embedded system	-	-	-	30	20	50	-	-	6	3
7.	EC607	IN	Internship-III	To be completed anytime during Fifth/Sixth semester. Its evaluation/credit to be added in Seventh Semester.									
8.	EC608	P	Minor Project II	-	-	-	-	50	50	-	-	4	2
9.	Additional Credits <sup>#</sup>	<sup>#</sup> Additional credits can be earned through successful completion of credit based MOOC's Courses available on SWAYAM platform (MHRD) at respective UG level.											
			Total	280	80	40	120	130	650	12	2	20	24

Departmental Electives	Open Electives
603 (A) Data Communication	604(A) Microcontroller & Embedded system
603 (B) CMOS Design	604(B) Bio-medical Electronics
603(C) Satellite Communication	604(C) Power Electronics

1 Hr Lecture	1 Hr Tutorial	2 Hr Practical
1 Credit	1 Credit	1 Credit